PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

T. SHOJI et al.

Appln. No.: PCT/JP01/05127

Filed: Concurrently herewith

Attorney Dkt. No.: 108384-00038

For: PROCESS FOR PRODUCING OXIDE-DISPERSION ENHANCED PLATINUM

MATERIAL

PRELIMINARY AMENDMENT

Commissioner for Patents Washington, D.C. 20231

December 31, 2001

Sir:

Prior to [calculation of the filing fees and] initial examination of the application, please amend the above-identified application as follows:

IN THE TITLE:

Please change the title from PROCESS FOR PRODUCING OXIDE-DISPERSION ENHANCED PLATINUM MATERIAL to **PROCESS FOR PRODUCING OXIDE-**<u>DISPERSION STRENGTHENED PLATINUM MATERIAL</u>

IN THE CLAIMS:

3. (Amended) The process for producing an oxide-dispersion strengthened platinum according to claim 1 wherein a zirconium nitrate solution is added to the platinum suspension; the suspension is heated to boiling while being stirred; an urea solution is added to the suspension is further kept boiling for a certain period; and then heating stopped.

- 4. (Amended) The process for producing an oxide-dispersion strengthened platinum material according to claim 1 wherein a ziroconium nitrate solution and an urea solution are added to a platinum suspension; the suspension is kept 80°C or higher while being stirred to adjust the suspension to a predetermined pH; the suspension is further kept 80°C or higher for a certain period; and then heating is stopped.
- 5. (Amended) The process for producing an oxide-dispersion strengthened platinum material according to claim 1, wherein pH is adjusted to 4.5 to 11.0.
- 6. (Amended) The process for producing an oxide-dispersion strengthened platinum material according to claim 1 wherein the platinum used for preparing the platinum suspension are powders with particle size of 0.05 to 10 µm.
- 7. (Amended) The process for producing an oxide-dispersion strengthened platinum material according to claim 1 wherein sintering is conducted at 1000 to 1400°C.
- 8. (Amended) The process for producing an oxide-dispersion strengthened platinum material according to claim 1 wherein forging is conducted after heating at 1100 to 1400°C.

REMARKS

Claims 1-8 are pending in this application. By this Amendment, claims 3, 4, 5, 6, 7 and 8 are amended to correct the multiple dependency thereof and to place this application into better condition for examination. No new matter is added.

Respectfully submitted,

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